

Supplementary material for:**The impact of filgotinib on pain control in the Phase 3 FINCH studies**

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Supplementary Table 1. Baseline characteristics according to VAS pain score at Week 24 in FINCH 1

	All treatment arms		
Characteristic, mean (SD)	VAS pain score ≤10 mm (n=634)	VAS pain score >10 mm to ≤20 mm (n=306)	VAS pain score >20 mm (n=804)
DAS28-CRP	5.51 (0.93)	5.72 (0.85)	5.89 (0.88)
HAQ-DI	1.407 (0.644)	1.579 (0.622)	1.733 (0.540)
Patient global VAS score, mm	60.6 (21.7)	65.8 (18.9)	72.0 (15.3)
Physician global VAS score, mm	62.5 (16.9)	65.3 (15.9)	68.5 (15.0)
VAS pain score, mm	58.6 (22.6)	64.7 (19.2)	70.4 (15.5)
CDAI	36.9 (11.6)	38.6 (11.3)	41.2 (11.8)
SF36 PCS	35.5 (7.9)*	33.6 (7.2) [†]	31.3 (6.5) [‡]
	FIL200 + MTX		
Characteristic, mean (SD)	VAS pain score ≤10 mm (n=215)	VAS pain score >10 mm to ≤20 mm (n=76)	VAS pain score >20 mm (n=182)
DAS28-CRP	5.57 (0.90)	5.77 (0.83)	5.95 (0.84)
HAQ-DI	1.423 (0.639)	1.656 (0.642)	1.747 (0.512)
Patient global VAS score, mm	61.9 (21.0)	66.6 (18.3)	73.4 (15.1)
Physician global VAS score, mm	62.6 (16.9)	67.4 (14.5)	68.7 (14.9)
VAS pain score, mm	59.4 (22.5)	66.2 (19.0)	70.5 (16.1)
CDAI	37.3 (11.5)	40.1 (12.1)	41.9 (11.7)
SF36 PCS	35.1 (7.7)	33.1 (7.1)	31.6 (6.1) [¶]
	FIL100 + MTX		
Characteristic, mean (SD)	VAS pain score ≤10 mm (n=191)	VAS pain score >10 mm to ≤20 mm (n=85)	VAS pain score >20 mm (n=202)
DAS28-CRP	5.49 (1.00)	5.62 (0.87)	5.90 (0.88)
HAQ-DI	1.383 (0.671)	1.513 (0.624)	1.719 (0.534)
Patient global VAS score, mm	58.4 (22.2)	65.2 (18.2)	71.5 (15.2)
Physician global VAS score, mm	62.0 (16.4)	63.5 (17.3)	67.5 (15.7)
VAS pain score, mm	57.8 (22.8)	64.3 (18.6)	70.6 (15.5)
CDAI	36.5 (12.5)	37.3 (11.7)	41.1 (11.7)
SF36 PCS	36.1 (8.1)	34.1 (7.5) [§]	31.0 (6.7)
	ADA + MTX		
Characteristic, mean (SD)	VAS pain score ≤10 mm (n=110)	VAS pain score >10 mm to ≤20 mm (n=59)	VAS pain score >20 mm (n=155)
DAS28-CRP	5.42 (0.88)	5.81 (0.74)	5.86 (0.89)
HAQ-DI	1.422 (0.602)	1.528 (0.621)	1.735 (0.549)
Patient global VAS score, mm	59.6 (21.4)	66.3 (19.5)	72.7 (15.0)

Physician global VAS score, mm	61.9 (16.7)	67.1 (13.3)	70.0 (14.5)
VAS pain score, mm	55.8 (22.4)	64.6 (18.3)	70.9 (14.6)
CDAI	36.6 (10.7)	39.6 (10.3)	40.9 (12.2)
SF36 PCS	35.9 (7.9)	32.7 (7.3) ^{**}	30.5 (7.0)
PBO + MTX			
Characteristic, mean (SD)	VAS pain score ≤10 mm (n=118)	VAS pain score >10 mm to ≤20 mm (n=86)	VAS pain score >20 mm (n=265)
DAS28-CRP	5.52 (0.93)	5.70 (0.91)	5.87 (0.89)
HAQ-DI	1.401 (0.655)	1.612 (0.605)	1.733 (0.559)
Patient global VAS score, mm	62.6 (22.1)	65.4 (19.9)	70.9 (15.7)
Physician global VAS score, mm	63.5 (17.9)	64.1 (17.2)	68.1 (14.7)
VAS pain score, mm	61.0 (22.3)	63.8 (21.0)	69.9 (15.7)
CDAI	37.5 (11.4)	37.8 (11.0)	41.1 (11.8)
SF36 PCS	35.0 (7.8)	34.2 (6.9)	31.6 (6.5) ^{††}

*n=633; †n=304; ‡n=801; ¶n=180; §n=84; ||n=109; **n=58; ††n=264.

ADA, adalimumab; CDAI, Clinical Disease Activity Index; DAS28-CRP, Disease Activity Score-28 with C-reactive protein; FIL100/200, filgotinib 100/200 mg; HAQ-DI, Health Assessment Questionnaire–Disability Index; PBO, placebo; PCS, physical component summary score; SD, standard deviation; SF-36, 36-item short-form health survey; VAS, visual analogue scale.

Supplementary Table 2. Baseline characteristics according to VAS pain score at Week 24 in FINCH 2

	All treatment arms		
Characteristic, mean (SD)	VAS pain score ≤10 mm (n=133)	VAS pain score >10 mm to ≤20 mm (n=71)	VAS pain score >20 mm (n=242)
DAS28-CRP	5.74 (1.01)	5.60 (1.06)	6.09 (0.86)
HAQ-DI	1.471 (0.682)	1.502 (0.688)	1.820 (0.590)
Patient global VAS score, mm	62.5 (23.5)	61.7 (19.7)	74.6 (15.1)
Physician global VAS score, mm	65.3 (21.6)	64.9 (17.6)	69.2 (15.0)
VAS pain score, mm	61.5 (24.9)	57.5 (23.6)	73.1 (15.3)
CDAI	39.2 (13.5)	37.2 (12.7)	43.4 (12.8)
SF36 PCS	34.1 (8.1)*	33.0 (8.4)	28.9 (6.9)
	FIL200		
Characteristic, mean (SD)	VAS pain score ≤10 mm (n=55)	VAS pain score >10 mm to ≤20 mm (n=28)	VAS pain score >20 mm (n=64)
DAS28-CRP	5.89 (1.09)	5.44 (1.13)	6.15 (0.85)
HAQ-DI	1.568 (0.597)	1.487 (0.711)	1.916 (0.625)
Patient global VAS score, mm	62.6 (24.2)	60.9 (18.3)	75.7 (15.2)
Physician global VAS score, mm	72.3 (20.0)	66.6 (17.2)	67.2 (15.2)
VAS pain score, mm	61.6 (24.9)	57.0 (21.0)	74.6 (15.2)
CDAI	41.3 (14.6)	35.0 (12.5)	44.9 (13.7)
SF36 PCS	33.4 (7.5)†	31.5 (8.1)	27.5 (6.8)
	FIL100		
Characteristic, mean (SD)	VAS pain score ≤10 mm (n=53)	VAS pain score >10 mm to ≤20 mm (n=21)	VAS pain score >20 mm (n=77)
DAS28-CRP	5.61 (0.99)	5.64 (1.08)	6.13 (0.91)
HAQ-DI	1.450 (0.685)	1.357 (0.597)	1.844 (0.637)
Patient global VAS score, mm	61.7 (24.4)	60.9 (19.0)	75.5 (14.6)
Physician global VAS score, mm	59.7 (20.8)	69.4 (14.2)	72.1 (16.5)
VAS pain score, mm	61.7 (24.7)	55.0 (24.8)	74.4 (15.3)
CDAI	36.3 (12.6)	39.7 (13.8)	43.4 (13.0)
SF36 PCS	34.6 (7.7)	34.9 (8.5)	29.0 (6.6)
	PBO		
Characteristic, mean (SD)	VAS pain score ≤10 mm (n=25)	VAS pain score >10 mm to ≤20 mm (n=22)	VAS pain score >20 mm (n=101)
DAS28-CRP	5.67 (0.84)	5.78 (0.95)	6.02 (0.83)
HAQ-DI	1.300 (0.828)	1.659 (0.737)	1.741 (0.520)
Patient global VAS score, mm	64.2 (20.9)	63.7 (22.5)	73.3 (15.4)

Physician global VAS score, mm	61.8 (22.8)	58.5 (19.8)	68.3 (13.4)
VAS pain score, mm	60.8 (26.5)	60.4 (26.1)	71.2 (15.3)
CDAI	40.7 (11.8)	37.7 (11.8)	42.3 (12.0)
SF36 PCS	34.5 (10.1)	33.1 (8.8)	29.8 (7.2)

*n=132; †n=54.

CDAI, Clinical Disease Activity Index; DAS28-CRP, Disease Activity Score-28 with C-reactive protein; FIL100/200, filgotinib 100/200 mg; HAQ-DI, Health Assessment Questionnaire–Disability Index; PBO, placebo; PCS, physical component summary score; SD, standard deviation; SF-36, 36-item short-form health survey; VAS, visual analogue scale.

Supplementary Table 3. Baseline characteristics according to VAS pain score at Week 24 in FINCH 3

	All treatment arms		
Characteristic, mean (SD)	VAS pain score ≤10 mm (n=538)	VAS pain score >10 mm to ≤20 mm (n=185)	VAS pain score >20 mm (n=511)
DAS28-CRP	5.56 (1.01)	5.66 (1.05)	5.92 (0.92)
HAQ-DI	1.404 (0.685)	1.607 (0.603)*	1.700 (0.550) [†]
Patient global VAS score, mm	60.7 (23.0)	65.6 (20.7)	71.4 (16.7)
Physician global VAS score, mm	64.0 (17.1)	66.0 (17.6)	69.5 (14.8)
VAS pain score, mm	59.9 (23.8)	65.2 (20.3)*	70.9 (16.9) [†]
CDAI	37.7 (12.7)	39.4 (13.2)	42.0 (12.0)
SF36 PCS	35.7 (8.0) [‡]	33.6 (7.5)	31.4 (6.4) [¶]
	FIL200 + MTX		
Characteristic, mean (SD)	VAS pain score ≤10 mm (n=221)	VAS pain score >10 mm to ≤20 mm (n=62)	VAS pain score >20 mm (n=129)
DAS28-CRP	5.69 (1.04)	5.64 (1.04)	5.81 (0.89)
HAQ-DI	1.415 (0.69))	1.611 (0.512) [§]	1.644 (0.498)
Patient global VAS score, mm	62.1 (22.7)	66.1 (21.6)	70.1 (16.1)
Physician global VAS score, mm	64.4 (17.5)	66.2 (17.5)	69.7 (15.4)
VAS pain score, mm	60.1 (23.9)	62.9 (23.0) [§]	69.9 (15.7)
CDAI	38.6 (13.3)	39.3 (12.6)	41.1 (11.8)
SF36 PCS	35.1 (8.2)**	33.4 (6.7)	31.9 (6.0)
	FIL100 + MTX		
Characteristic, mean (SD)	VAS pain score ≤10 mm (n=91)	VAS pain score >10 mm to ≤20 mm (n=23)	VAS pain score >20 mm (n=89)
DAS28-CRP	5.36 (0.99)	5.67 (1.30)	5.97 (0.93)
HAQ-DI	1.370 (0.740)	1.636 (0.620)	1.709 (0.518)
Patient global VAS score, mm	57.2 (24.2)	69.3 (18.1)	73.2 (16.1)
Physician global VAS score, mm	63.7 (18.2)	69.1 (18.2)	71.3 (12.9)
VAS pain score, mm	58.4 (25.1)	67.2 (18.7)	73.9 (16.4)
CDAI	35.7 (12.3)	41.4 (16.8)	42.1 (11.2)
SF36 PCS	37.1 (8.3)	31.6 (7.0)	31.1 (6.6)
	FIL200		
Characteristic, mean (SD)	VAS pain score ≤10 mm (n=95)	VAS pain score >10 mm to ≤20 mm (n=26)	VAS pain score >20 mm (n=86)
DAS28-CRP	5.63 (0.93)	5.69 (1.09)	5.94 (0.88)
HAQ-DI	1.349 (0.633)	1.760 (0.692)	1.715 (0.615)
Patient global VAS score, mm	61.2 (19.9)	67.7 (20.7)	74.5 (15.5)

Physician global VAS score, mm	63.7 (13.9)	65.9 (18.3)	69.0 (13.4)
VAS pain score, mm	61.0 (19.2)	67.3 (19.4)	73.3 (15.1)
CDAI	38.5 (12.1)	38.0 (13.0)	42.1 (12.9)
SF36 PCS	36.5 (7.2)	32.8 (8.7)	30.8 (6.9) ^{††}
MTX			
Characteristic, mean (SD)	VAS pain score ≤10 mm (n=131)	VAS pain score >10 mm to ≤20 mm (n=74)	VAS pain score >20 mm (n=207)
DAS28-CRP	5.44 (1.01)	5.66 (0.98)	5.97 (0.95)
HAQ-DI	1.449 (0.677)	1.541 (0.635)	1.725 (0.566)
Patient global VAS score, mm	60.6 (24.7)	63.3 (20.7)	70.0 (17.6)
Physician global VAS score, mm	63.9 (17.8)	64.8 (17.5)	68.7 (15.8)
VAS pain score, mm	59.9 (26.0)	65.8 (18.8)	69.4 (18.4)
CDAI	37.1 (12.2)	39.4 (12.7)	42.6 (12.2)
SF36 PCS	35.2 (7.9)	34.6 (7.9)	31.5 (6.3)

*n=184; †n=510; ‡n=537; ¶n=508; §n=61; ||n=128; **n=220; ††n=84.

CDAI, Clinical Disease Activity Index; DAS28-CRP, Disease Activity Score-28 with C-reactive protein; FIL100/200, filgotinib 100/200 mg; HAQ-DI, Health Assessment Questionnaire–Disability Index; MTX, methotrexate; PCS, physical component summary score; SD, standard deviation; SF-36, 36-item short-form health survey; VAS, visual analogue scale.